



U.S. Department  
of Transportation  
**Pipeline and  
Hazardous Materials  
Safety Administration**

**IAEA CERTIFICATE OF COMPETENT AUTHORITY  
SPECIAL FORM RADIOACTIVE MATERIALS  
CERTIFICATE USA/0058/S-96, REVISION 7**

400 Seventh Street, S.W.  
Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency<sup>1</sup> and the United States of America<sup>2</sup> for the transport of radioactive material.

1. Source Identification - General Electric Cf-100 Series.
2. Source Description - Cylindrical double encapsulation made of Type 304L stainless steel and tungsten inert gas seal welded. Approximate outer dimensions are 9.4 mm (0.37 in.) in diameter and 38.1 mm (1.5 in.) in length. Construction shall be in accordance with attached GE Drawing No. 106D4306.
3. Radioactive Contents - No more than 74.0 GBq (2.0 Ci) of Californium-252. The Cf-252 is in oxide form.
4. Quality Assurance - Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations<sup>1</sup> shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors and consignees in the United States exporting or importing shipments under this certificate shall satisfy the requirements of Subpart H of 10 CFR 71.
5. Expiration Date - This certificate expires on April 30, 2011.

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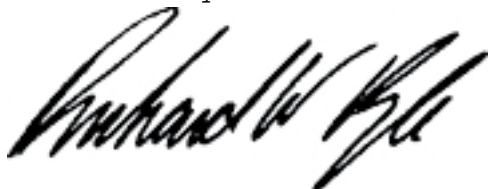
<sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

<sup>2</sup> Title 49, Code of Federal Regulations, Parts 100-199, United States of America.


**CERTIFICATE USA/0058/S-96, REVISION 7**

This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the March 06, 2006 petition by General Electric Energy, Sunol, CA and in consideration of other information on file in this Office.

Certified By:



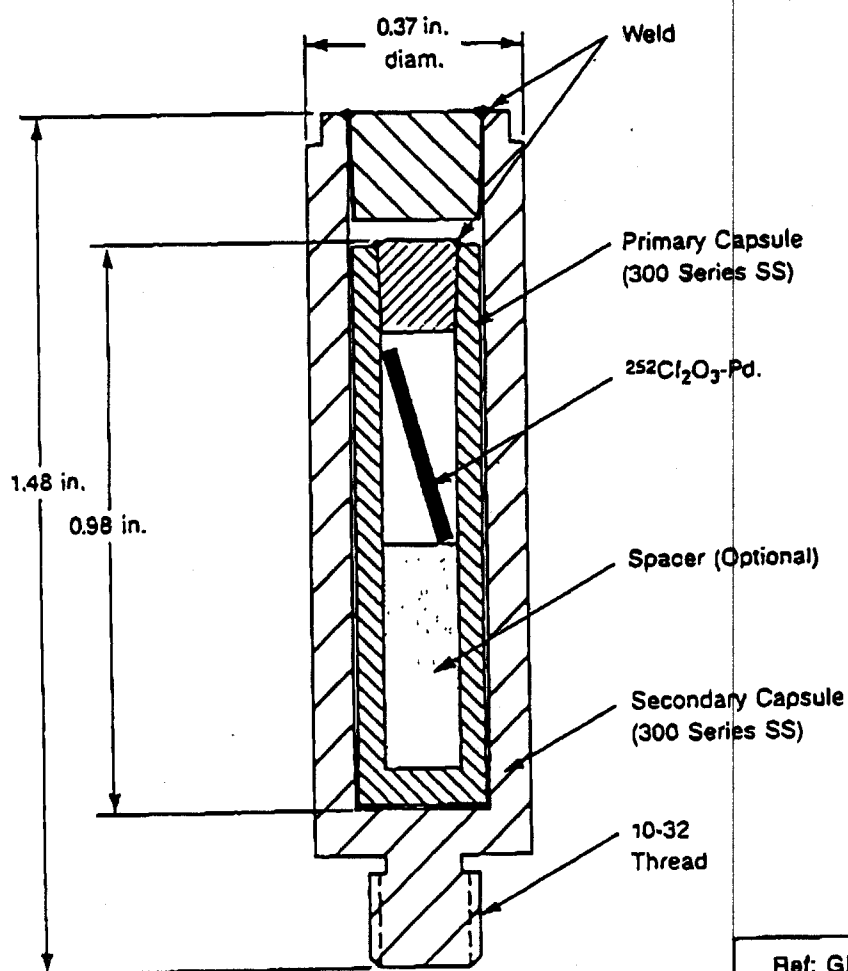
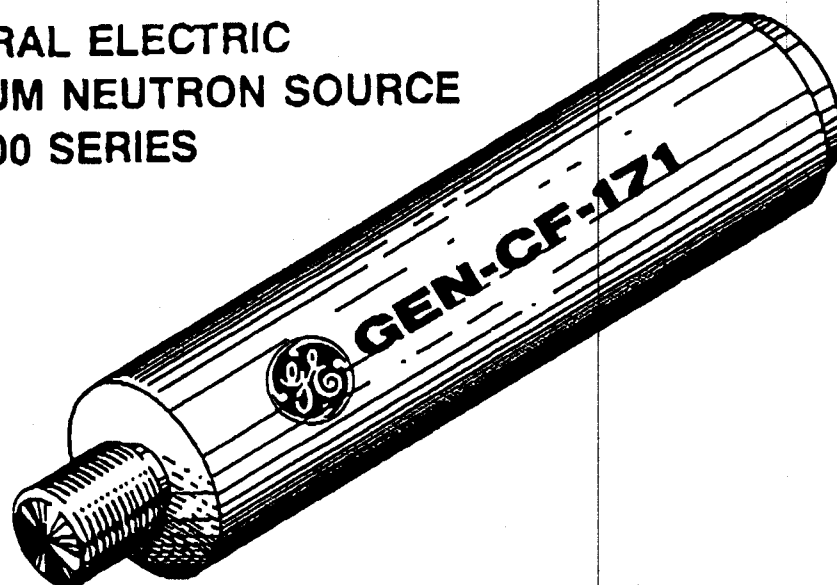
**Apr 03 2006**

 Robert A. McGuire  
Associate Administrator for Hazardous Materials Safety

(DATE)

Revision 7 - Issued to renew the expiration date and correct a typographical error.

GENERAL ELECTRIC  
<sup>252</sup>CALIFORNIUM NEUTRON SOURCE  
.100 SERIES



Ref: GE Drawing  
106D4306  
IAEA Certificate No.  
USA/0058/S